

FORM PTO-1390 (Modified) (REV. 07-2004) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE		ATTORNEY'S DOCKET NUMBER <b>100716-58 (KGB)</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/517683</b>
INTERNATIONAL APPLICATION NO. <b>PCT/DE03/01969</b>	INTERNATIONAL FILING DATE <b>11 June 2003 (11.06.2003)</b>	PRIORITY DATE CLAIMED <b>12 June 2002 (12.06.2002)</b>

TITLE OF INVENTION  
**THERMALLY STABLE MATERIALS HAVING HIGH SPECIFIC SURFACES**

## APPLICANT(S) FOR DO/EO/US

**Ferdi SCHUTH; Manfred SCHWICKARDI; Wolfgang SCHMIDT; and Alfred HAAS**

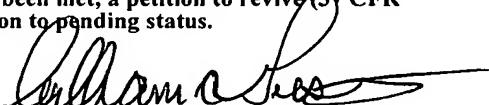
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11.  A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.  A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.  A **FIRST** preliminary amendment.
16.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
17.  A substitute specification.
18.  A power of attorney and/or change of address letter.
19.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21.  A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22.  Express Mail Label No.
23.  Other items or information:

**Application Data Sheet; Return Receipt Postcard; Express Mail Certificate**

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/517683</b>	INTERNATIONAL APPLICATION NO. <b>PCT/DE03/01969</b>	ATTORNEY'S DOCKET NUMBER <b>100716-58 (KGB)</b>																
<p>24. The following fees are submitted:.</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :</b></p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;"><input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....</td> <td style="width: 20%; text-align: right;"><b>\$1110.00</b></td> </tr> <tr> <td><input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....</td> <td style="text-align: right;"><b>\$950.00</b></td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....</td> <td style="text-align: right;"><b>\$790.00</b></td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....</td> <td style="text-align: right;"><b>\$750.00</b></td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....</td> <td style="text-align: right;"><b>\$100.00</b></td> </tr> </table> <p style="text-align: center;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></p> <p style="text-align: right;"><b>\$1,000.00</b></p>		<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....	<b>\$1110.00</b>	<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....	<b>\$950.00</b>	<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....	<b>\$790.00</b>	<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....	<b>\$750.00</b>	<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....	<b>\$100.00</b>	<p><b>CALCULATIONS PTO USE ONLY</b></p>						
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<p>Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>		<p style="text-align: right;"><b>\$0.00</b></p>																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>17 - 20 =</td> <td>0</td> <td>x \$18.00 <b>\$0.00</b></td> </tr> <tr> <td>Independent claims</td> <td>3 - 3 =</td> <td>0</td> <td>x \$88.00 <b>\$0.00</b></td> </tr> <tr> <td colspan="2">Multiple Dependent Claims (check if applicable).</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: right;"><b>\$0.00</b></td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	17 - 20 =	0	x \$18.00 <b>\$0.00</b>	Independent claims	3 - 3 =	0	x \$88.00 <b>\$0.00</b>	Multiple Dependent Claims (check if applicable).		<input type="checkbox"/>	<b>\$0.00</b>	<p style="text-align: center;"><b>TOTAL OF ABOVE CALCULATIONS =</b></p> <p style="text-align: right;"><b>\$1,000.00</b></p>
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Total claims	17 - 20 =	0	x \$18.00 <b>\$0.00</b>															
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Multiple Dependent Claims (check if applicable).		<input type="checkbox"/>	<b>\$0.00</b>															
<p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</p>		<p style="text-align: right;"><b>\$500.00</b></p>																
<p style="text-align: center;"><b>SUBTOTAL =</b></p>		<p style="text-align: right;"><b>\$500.00</b></p>																
<p>Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>		<p style="text-align: right;"><b>\$0.00</b></p>																
<p style="text-align: center;"><b>TOTAL NATIONAL FEE =</b></p>		<p style="text-align: right;"><b>\$500.00</b></p>																
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).</p>		<p style="text-align: right;"><input type="checkbox"/> <b>\$0.00</b></p>																
<p style="text-align: center;"><b>TOTAL FEES ENCLOSED =</b></p>		<p style="text-align: right;"><b>\$500.00</b></p>																
		<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 75%;"><input type="checkbox"/> <b>Amount to be: refunded</b></td> <td style="width: 25%; text-align: right;">\$</td> </tr> <tr> <td><input type="checkbox"/> <b>charged</b></td> <td style="text-align: right;">\$</td> </tr> </table>	<input type="checkbox"/> <b>Amount to be: refunded</b>	\$	<input type="checkbox"/> <b>charged</b>	\$												
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<input type="checkbox"/> <b>charged</b>	\$																	
<p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>14-1263</u> in the amount of <u>\$500.00</u> to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>14-1263</u></p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																		
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b></p>																		
<p>SEND ALL CORRESPONDENCE TO:</p> <p><b>Customer No. 27384</b>  <b>Kurt G. Briscoe</b>  <b>Reg. No. 33,141</b>  <b>Norris McLaughlin &amp; Marcus, P.A.</b>  <b>Attorneys for Applicants</b>  <b>875 Third Avenue</b>  <b>18th Floor</b>  <b>New York, NY 10022</b>  <b>Tel.: (212) 808-0700</b>  <b>Fax: (212) 808-0844</b></p>																		
 <p style="text-align: center;"><b>SIGNATURE</b></p> <p><b>William C. Gerstenzang</b></p> <p>NAME _____</p> <p><b>27,552</b></p> <p>REGISTRATION NUMBER _____</p> <p><b>December 10, 2004</b></p> <p>DATE _____</p>																		

10/517683

DT12 Rec'd PCT/PTO 10 DEC 2004

Attorney Docket No. 1000716-58

This is a National Phase of PCT/DE03/01969

APPLICANT: Ferdi SCHÜTH et al

TITLE: THERMALLY STABLE MATERIALS HAVING HIGH SPECIFIC SURFACES

**EXPRESS MAIL CERTIFICATE**

"Express Mail" mailing label number EV 605789309 US

Date of Deposit December 10, 2004

I hereby certify that the following items:

1. Transmittal Letter to The United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371
2. Specification consisting of description (pages 1-17); 14 Claims (pages 18-19); Abstract (page 20)
3. Revised Claims as filed May 4, 2004 (pages 1-3)
4. Copy of International Application as published under WO 03/106029 A1
5. Copy of the International Search Report
6. Information Disclosure Statement
7. Form PTO 1449
8. Executed Combination Declaration and Power of Attorney
9. Recordation Form Cover Sheet for Patents
10. Executed Assignment
11. Copy of IPER
12. Return Receipt Postcard

are being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the: Mail Stop PCT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

NORRIS, McLAUGHLIN & MARCUS, P.A.

By

  
Jennifer Archer